

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

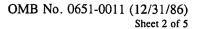
SERIAL NO. ATTY. DOCKET NO.

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

VNUS-53427	09/4835969
APPLICANT	i n
Farley et al.	产 蓋 笊
FILING DATE	GROUP G
January 18, 2000	To Be Assigned

-		II C DATE	NT DOCUMENTS		NIER	ED
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SOB CEASS	FILING DATE IF APPLICABLE
Cfr	373,399	11/1887	Hamilton	=		
	659,409	10/1900	Mosher		,	**************************************
	833,759	10/06	Sourwine			
	985,865	03/11	Turner, Jr.			
	3,230,957	01/66	Seifert			
	3,301,258	01/67	Werner et al.			
	3,557,794	01/71	Van Patten			<u> </u>
	3,920,021	11/75	Hiltebrandt			
	4,016,886	04/77	Doss et al.			
	4,043,338	08/77	Homm et al.			
	4,119,102	10/78	LeVeen			
	4,154,246	05/79	LeVeen			
	4,312,364	01/82	Convert et al.			
	4,346,715	08/82	Gammell			
	4,522,205	06/85	Taylor et al.			
	4,643,186	02/87	Rosen et al.			
	4,658,836	04/87	Turner			
	4,660,571	04/87	Hess et al.			
	4,664,120	05/87	Hess			
	4,699,147	10/87	Chilson et al.	- 34		
	4,709,698	12/87	Johnston et al.			
	4,765,331	08/88	Petruzzi et al.			
	4,776,349	10/88	Nashef et al.			
	4,807,620	02/89	Strul et al.			
Ch	4,823,812	04/89	Eshel et al.			





U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

SERIAL NO. ATTY. DOCKET NO. VNUS-53427 09/483,969

## INFORMATION DISCLOSURE CITATION

APPLICANT	
Farley et al.	
FILING DATE	GROUP
- 10 0000	

(Use Several Sheets if Necessary)		Farley et al.				
			FILING DATE	GROUP		
			January 18, 2000	To Be A		`
		U.S. PATE	ENT DOCUMENTS	77		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	1116	FILING DATE
UP	4,945,912	08/90	Langberg		6- N	CEIVED
	4,966,597	10/90	Cosman		ří l	
	4,976,711	12/90	Parins et al.	<del></del>	1161	0
	4,979,948	12/90	Geddes et al.		3700	
	5,010,894	04/91	Edhag		9	
	5,035,694	07/91	Kasprzyk	_		
	5,057,106	10/91	Kasevich et al.			
	5,057,107	10/91	Parins et al.			
	5,078,717	01/92	Parins et al.			
	5,098,431	03/92	Rydell			
	5,098,429	03/92	Sterzer			
	5,117,828	06/92	Metzger et al.			
	5,122,137	06/92	Lennox			
	5,156,151	10/92	Imran			
	5,188,602	02/93	Nichols			
	5,190,517	03/93	Zieve, et al.			
	5,215,103	06/93	Desai			
	5,255,678	10/93	Deslauriers et al.			
	5,263,493	11/93	Avitall			
	5,275,610	01/94	Eberbach			
	5,281,218	01/94	Imran			
	5,293,869	03/94	Edwards et al.			
	5,314,466	05/94	Stern, et al.			
	5,370,677	12/94	Rudie, et al.			
	5,370,678	12/94	Edwards, et al.			
	5,383,917	01/95	Desai et al.			



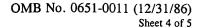
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. SERIAL NO. VNUS-53427 09/483,969

APPLICANT

## INFORMATION DISCLOSURE CITATION

INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		Farley et al.		
	,		FILING DATE GROUP	
			January 18, 2000	To Be Assigned
•		U.S. PATE	ENT DOCUMENTS	RE
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS SUB FILING DATE CLASS I FAPPLICABLE
GN	5,397,339	03/95	Desai	VED CEMIER
	5,405,322	04/95	Lennox et al.	LER D
	5,409,000	04/95	Imran	3100
	5,403,312	04/95	Yates, et al.	i.
	5,405,346	04/95	Grundy, et al.	
	5,411,025	05/95	Webster, Jr.	
	5,423,815	06/95	Fugo	
	5,429,130	07/95	Goldman	
	5,431,649	07/95	Mulier, et al.	
	5,437,664	08/95	Cohen et al.	
	5,447,529	09/95	Marchlinski, et al.	
	5,449,381	09/95	Imran	
	5,454,809	10/95	Janssen	
	5,462,545	10/95	Wang, et al.	
	5,458,596	10/95	Lax et al.	
	5,465,717	11/95	Imran et al.	
	5,472,441	12/95	Edwards et al.	
	5,505,730	04/96	Edwards	
	5,514,130	05/96	Baker	
	5,545,161	08/96	Imran	
	5,556,396	09/96	Cohen et al.	
	5,607,422	03/97	Smeets et al.	
	5,626,578	05/97	Tihon	
	5,709,224	1/98	Behl et al.	
	5,810,804	9/98	Gough, et al.	
M	5,827,268	10/98	Laufer	



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION
(Use Several Sheets if Necessary)

ATTY. DOCKET NO.
VNUS-53427

APPLICANT
Farley et al.
FILING DATE

TYY. DOCKET NO.

SERIAL NO.

O9/483969

PPLICANT

Farley et al.

LING DATE

GROUP

SERIAL NO.

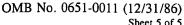
GROUP

To Be Assigned

U.S. PATENT DOCUMENTS					TEI		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB (2) CLASS		
Chr	5,817,092	10/98	Behl		1		
C/V	5,863,290	1/99	Gough et al.				
:Ofr	5,868,740	2/99	LeVeen et al.				

January 18, 2000

## FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY SUB TRANSLATION CLASS EP 0 189 329 A2 07/86 EP DE 3516830 11/86 Germany 0 205 851 12/86 Europe WO 90/07303 07/90 **PCT** WO92/12681 08/92 **PCT** WO 93/21846 11/93 **PCT** 04/94 WO 94/07446 **PCT** WO 94/21170 09/94 **PCT** EP 0 629 382 A1 12/94 EP WO 95/10322 04/95 **PCT** WO 95/10978 04/95 **PCT** WO 95/10236 04/95 **PCT** WO 95/10236 04/95 **PCT** WO 95/10322 04/95 **PCT** WO 95/31142 11/95 **PCT** WO 95/31142 11/95 **PCT** EP 0 738 501 A1 10/96 EP





Sheet 5 of 5 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE VNUS-53427 09/483,969 APPLICANT INFORMATION DISCLOSURE CITATION Farley et al. (Use Several Sheets if Necessary) FILING DATE GROUP ( To Be Assigned January 18, 2000 FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER COUNTRY CLASS TRANSLATION DATE YES NO **PCT** WO 96/32885 10/96 0 738 501 A1 10/96 EP WO 97/17892 05/97 **PCT** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Electrofulguration for Varicose Veins, The Medical Letter on Drugs And Therapeutics, July 12, 1968, Vol. 10, No. 14, Issue 248, pg. 54 Watts, Endovenous Diathermy Destruction of Internal Saphenous, British Medical Journal, October 7, 1972, p. 53 O'Reilly, Endovenous Diathermy Sclerosis as a Unit of the Armamentarium for the Attack on Varicose Veins, THE Medical Journal of Australia, June 1, 1974, at 900 O'Reilly, Endovenous Diathermy Sclerosis of Varicose Veins, The Australian New Zealand Journal of Surgery, Vol. 47, No. 3, June 1977, pp. 393-395 Brunelle, et al., A Bipolar Electrode for Vascular Electrocoagulation with Alternating Current, Technical Notes, October 1980, Vol. 137, pp. 239-240 O'Reilly, A Technique of Diathermy Sclerosis of Varicose Veins, The Australian New Zealand Journal of Surgery. Vol. 51, No. 4, August 1981, pp. 379-382 Cragg et al., Endovascular Diathermic Vessel Occlusion, Diagnostic Radiology, 144: 303-308, July 1982 Ogawa, et al., Electrothrombosis As a Treatment of Cirsoid Angioma in the Face and Scalp and Varicosis of the Leg, Plastic and Reconstructive Surgery, September 1982, Vol. 3, at 310-318 Gradman, Venoscopic Obliteration of Variceal Tributaries Using Monopolar Electrocautery, Journal of Dermatology Surgery Oncology, 1994, p.482-485 Inturri, Pathophysiology of Portal Hypertension, Journal of Vascular Technology 271-276, Sep.-Dec. 1995 Crockett, et al., Preliminary Experience with an Endovascular Catheter for Electrocoagulation of Peripheral Veins, Journal of Vascular Technology, Winter 1996, at 19-22



OMB No. 0651-0011 (12/31/86)

13	<b>&amp;</b>	<b>"</b>		Sheet 6 of 5		
& TRADE		U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.		
MADA		PATENT AND TRADEMARK OFFICE	VNUS-53427	09/483,969		
Th	IEOD.	MATION DICCLOSUDE CITATION	APPLICANT			
INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		(Use Several Sheets if Necessary)	Farley et al.			
		, , , , , , , , , , , , , , , , , , ,	FILING DATE	GROUP		
			January 18, 2000	To Be Assigned		
· ·		MATION DISCLOSURE CITATION (Use Several Sheets if Necessary)  OTHER DOCUMENTS (Including a Money, Endovascular Electroablation of Periphe New Horizons and Techniques in Vascular and I	Author, Title, Date, Pertinent Pages, Etc.)  eral Veins, 22nd Annual Symposiu	um, Curtent Chical Problems,		
		New Horizons and Techniques in Vascular and l	Endovascular Surgery (Nov. 1995)	6 7 H		
				NED 9 2001		
				R		
,				700		
			· · · · · · · · · · · · · · · · · · ·	1:		
				<b>)</b>		
<del></del>						
		·				
			· · ·			
EXAMINER		CSR	DATE CONSIDERED 5/14/6			
EXAMINER communication with	Initial applicant	if reference considered, whether or not citation is in conformance with MPEP 609.	Draw line through citation if not in conformance and no	t considered. Include copy of this form with next		